

National Health and Nutrition Examination Survey 2005–2006

Documentation, Codebook, and Frequencies

Allergy

Questionnaire

Survey Years:
2005 to 2006

SAS Transport File:
AGQ_D.XPT



June 2008

NHANES 2005–2006 Data Documentation

Questionnaire Section: Allergy (AGQ_D)

First Published: June 2008

Last Revised: NA

Component Description

The allergy section (prefix AGQ) provides personal household interview data on common allergic diseases including hay fever, allergies and eczema. It also provides self-reported information on symptoms associated with those conditions and pet avoidance due to allergies or asthma. AGQ questionnaire data is an integral part of Allergy Component, collected during NHANES 2005-2006, which also included a laboratory analysis of household dust samples (ALDUST_D) and serum IGE antibodies (AL_IGE_D).

Eligible Sample

All survey participants aged 1 year and older were eligible.

Interview Setting and Mode of Administration

These questions were asked before the physical examination, in the home, using the Computer-Assisted Personal Interviewing-CAPI (interviewer administered) system.

Quality Assurance & Quality Control

The CAPI system is programmed with built-in consistency checks to reduce data entry errors. CAPI also uses online help screens to assist interviewers in defining key terms used in the questionnaire.

Data Processing and Editing

Frequency counts were checked, “skip” patterns were verified, and the reasonableness of responses to the questions was reviewed. Responses, of age 85 or older, to questions **AGD020** (how old when first told had hay fever), **AGD050** (how old when first told had allergies), and **AGD170** (what age itchy rash first occurred) were collapsed into a single category, which was coded as '85'. This was done to be consistent with the coding for the age variable of the sample person in the demographics file. The onset of hay fever, allergies, or itchy rash less than 1 year of age was recoded as 1 year of age.

**Analytic
Notes**

AGQ080A, AGQ080B, AGQ080C (kind of pet removed from home)
Responses to these questions were collected as “code all that apply”. A respondent could report more than one kind of pet and all responses were recorded.

AGQ110A, AGQ110B, AGQ110C, AGQ110D (In which season did this sneezing problem occur)
Responses to these questions were collected as “code all that apply”. A respondent could report more than one season and all responses were recorded.

The analysis of NHANES 2005-2006 allergy questionnaire data must be conducted using the key survey design variables, sample weights, and the basic demographic variables. Interview weights should be used if only questionnaire data are analyzed. However if AGQ data are merged with MEC examination data or laboratory data, the MEC examination weights should be used for analyses.

Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues. The Analytic Guidelines are available on the NHANES website.

Related NHANES 2005-2006 Questionnaire Datasets:

Housing characteristics (HUQ) contains family questionnaire data on household characteristics such as the home having a mildew odor or musty smell, seeing cockroaches, having pets, and a history of the avoidance of pets due to allergies or asthma.

Medical Conditions (MCQ) contains personal questionnaire data on the doctor diagnosed asthma, current asthma attack, and the onset of asthma.

Respiratory Health and Disease (RDQ) contains personal questionnaire data on respiratory symptoms related to asthma and other pulmonary diseases.

Related NHANES 2005-2006 Laboratory Datasets:

The household dust laboratory data set (ALDUST_D) contains the measurements for specific allergens detected in the participant’s household dust samples.

The laboratory data set (AL_IGE_D) contains total serum IgE levels as well as specific IgE to common indoor, outdoor, and food allergens.

References N/A

Locator Record

Title: Allergy (AGQ_D)

Contact Number: 1-866-441-NCHS

Years of Content: 2005–2006

First Published: June 2008

Revised: N/A

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: Allergy questionnaire section provides interview data on self-reported allergic diseases including hay fever, allergies and eczema.

Record Source: NHANES 2005–2006

Survey Methodology: NHANES 2005–2006 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

Medium: NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey
Codebook for Data Production (2005-2006)**

Questionnaire Section:
Allergy (AGQ_D)

June 2008



SEQN	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

AGQ010	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Doctor told have hay fever
English Text: Has a doctor or other health professional ever told {you/SP} that {you have/SP s/he has} hay fever?	
English Instructions:	

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	646	646	
2	No	9157	9803	AGQ040
7	Refused	0	9803	AGQ040
9	Don't know	19	9822	AGQ040
.	Missing	0	9822	

AGD020		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Age when first had hay fever		
English Text: How old {were you/was SP} when {you were/s/he was} first told {you/he/she} had hay fever?				
English Instructions: IF LESS THAN 1 YEAR, ENTER 1. ENTER AGE IN YEARS.				
Code or Value	Description	Count	Cumulative	Skip to Item
1 to 81	Range of Values	637	637	
85	85 years or older	0	637	
777	Refused	0	637	
999	Don't know	9	646	
.	Missing	9176	9822	

AGQ030		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Episode of hay fever in past 12 months		
English Text: During the past 12 months, {have you/has SP} had an episode of hay fever?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	381	381	
2	No	262	643	
7	Refused	0	643	
9	Don't know	3	646	
.	Missing	9176	9822	

AGQ040		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Doctor told have allergies		
English Text: Has a doctor or other health professional ever told {you/SP} that {you have/SP s/he has} allergies?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	2614	2614	
2	No	7178	9792	AGQ070
7	Refused	0	9792	AGQ070
9	Don't know	30	9822	AGQ070
.	Missing	0	9822	

AGD050		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Age when first had allergies		
English Text: How old {were you/was SP} when {you were/s/he was} first told {you/he/she} had allergies?				
English Instructions: IF LESS THAN 1 YEAR, ENTER 1. ENTER AGE IN YEARS.				
Code or Value	Description	Count	Cumulative	Skip to Item
1 to 82	Range of Values	2572	2572	
85	85 years or older	7	2579	
777	Refused	0	2579	
999	Don't know	34	2613	
.	Missing	7209	9822	

AGQ060		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Allergy symptoms in past 12 months		
English Text: During the past 12 months, {have you/has SP} had any allergy symptoms or an allergy attack?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1704	1704	
2	No	902	2606	
7	Refused	0	2606	
9	Don't know	8	2614	
.	Missing	7208	9822	

AGQ070		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Removed animal from home due to allergy		
English Text: In the last 12 months, {have you/has SP} removed a dog, cat or other small furry animal from {your/his/her} home because {you/SP} had allergies or asthma (az-ma)?				
English Instructions: CAPI INSTRUCTION: DISPLAY {HAS SP} AND {HIS/HER} IF PROXY INTERVIEW FOR SP < 16 YEARS OLD.				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	80	80	
2	No	9742	9822	AGQ090
7	Refused	0	9822	AGQ090
9	Don't know	0	9822	AGQ090
.	Missing	0	9822	

AGQ080A		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Kind of pet removed - dog		
English Text: Which kind of pet was removed from {your/SP's} home?				
English Instructions: CODE ALL THAT APPLY CAPI INSTRUCTION: DISPLAY {SP'S} IF PROXY INTERVIEW FOR SP < 16 YEARS OLD.				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Dog	38	38	
7	Refused	0	38	
9	Don't know	0	38	
.	Missing	9784	9822	

AGQ080B		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Kind of pet removed - cat		
English Text: Which kind of pet was removed from {your/SP's} home?				
English Instructions: CODE ALL THAT APPLY CAPI INSTRUCTION: DISPLAY {SP'S} IF PROXY INTERVIEW FOR SP < 16 YEARS OLD.				
Code or Value	Description	Count	Cumulative	Skip to Item
2	Cat	43	43	
.	Missing	9779	9822	

AGQ080C		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Kind of pet removed - small furry animal		
English Text: Which kind of pet was removed from {your/SP's} home?				
English Instructions: CODE ALL THAT APPLY CAPI INSTRUCTION: DISPLAY {SP'S} IF PROXY INTERVIEW FOR SP < 16 YEARS OLD.				
Code or Value	Description	Count	Cumulative	Skip to Item
3	Small furry animal	6	6	
.	Missing	9816	9822	

AGQ090		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Avoided pets because of allergies		
English Text: {Have you/Has SP} avoided bringing new pets into {your/his/her} home because {you/SP} had allergies or asthma (az-ma)?				
English Instructions: CAPI INSTRUCTION: DISPLAY {HAS SP} AND {HIS/HER} IF PROXY INTERVIEW FOR SP < 16 YEARS OLD.				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	534	534	
2	No	9287	9821	
7	Refused	0	9821	
9	Don't know	1	9822	
.	Missing	0	9822	

AGQ100		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Problem with sneezing in past 12 months		
English Text: During the past 12 months, {have you/has SP} had a problem with sneezing, or a runny, or blocked nose when {you/s/he} did not have a cold or the flu?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	2676	2676	
2	No	7142	9818	AGQ120
7	Refused	0	9818	AGQ120
9	Don't know	4	9822	AGQ120
.	Missing	0	9822	

AGQ110A		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Sneezing occurred - in spring		
English Text: In which season did this nose problem occur?				
English Instructions: CODE ALL THAT APPLY				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Spring	1864	1864	
7	Refused	0	1864	
9	Don't know	23	1887	
.	Missing	7935	9822	

AGQ110B	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Sneezing occurred - in summer			
English Text: In which season did this nose problem occur?				
English Instructions: CODE ALL THAT APPLY				
Code or Value	Description	Count	Cumulative	Skip to Item
2	Summer	1221	1221	
.	Missing	8601	9822	

AGQ110C	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Sneezing occurred - in fall			
English Text: In which season did this nose problem occur?				
English Instructions: CODE ALL THAT APPLY				
Code or Value	Description	Count	Cumulative	Skip to Item
3	Fall	1345	1345	
.	Missing	8477	9822	

AGQ110D		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Sneezing occurred - in winter		
English Text: In which season did this nose problem occur?				
English Instructions: CODE ALL THAT APPLY				
Code or Value	Description	Count	Cumulative	Skip to Item
4	Winter	1139	1139	
.	Missing	8683	9822	

AGQ120		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Doctor told have sinus infection		
English Text: During the past 12 months, did a doctor or other health professional tell {you/SP} that {you have/SP s/he has} a sinus infection?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1100	1100	
2	No	8700	9800	
7	Refused	0	9800	
9	Don't know	22	9822	
.	Missing	0	9822	

AGQ130		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Ever had itchy rash at least 6 months		
English Text: {Have you/Has SP} ever had an itchy rash which was coming and going for at least 6 months?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	877	877	
2	No	8940	9817	AGQ180
7	Refused	0	9817	AGQ180
9	Don't know	5	9822	AGQ180
.	Missing	0	9822	

AGQ140		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Itchy rash at any time in past 12 months		
English Text: {Have you/Has SP} had this itchy rash at any time in the last 12 months?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	710	710	
2	No	167	877	AGQ160
7	Refused	0	877	AGQ160
9	Don't know	0	877	AGQ160
.	Missing	8945	9822	

AGQ150		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Rash cleared up completely		
English Text: Has this rash cleared up completely at any time during the last 12 months?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	489	489	
2	No	218	707	
7	Refused	0	707	
9	Don't know	3	710	
.	Missing	9112	9822	

AGQ160		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Has rash affected places...		
English Text: Has this itchy rash at any time affected any of the following places: the folds of the elbows, behind the knees, in front of the ankles, under the buttocks, or around the neck, ears, or eyes?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	477	477	
2	No	400	877	
7	Refused	0	877	
9	Don't know	0	877	
.	Missing	8945	9822	

AGD170	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Age rash first occurred			
English Text: At what age did this itchy rash first occur?				
English Instructions: IF LESS THAN 1 YEAR, ENTER 1. HARD EDIT: DO NOT ALLOW 0. ENTER AGE IN YEARS.				
Code or Value	Description	Count	Cumulative	Skip to Item
1 to 84	Range of Values	858	858	
85	85 years or older	7	865	
777	Refused	0	865	
999	Don't know	12	877	
.	Missing	8945	9822	

AGQ180	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Doctor told have eczema			
English Text: Has a doctor or other health professional ever told {you/SP} that {you have/SP s/he has} eczema (ek-zi-ma)?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	899	899	
2	No	8905	9804	
7	Refused	0	9804	
9	Don't know	18	9822	
.	Missing	0	9822	